





Robert Half





Senior Data Scientist

California, United States · 4 hours ago · 29 applicants


 \$115K/yr - \$173K/yr · Remote · Full-time · Mid-Senior level


 10,001+ employees · Staffing and Recruiting

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 3 of 3 skills match your profile - you may be a good fit



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 How can I best position myself?


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Meet the hiring team



Kelli Griffin  · 3rd
Lead Talent Acquisition Partner
Job poster

Message

About the job


Ready to revolutionize the future of data-driven decision-making? Join our pioneering Data Science team as we embark on an exciting journey to unlock insights, drive innovation, and shape the landscape of our organization's success. If you're passionate about leveraging cutting-edge generative AI technologies and transforming raw data into actionable insight, we want you on our team!"

The Senior Data Scientist will be responsible for leading advanced data analytics projects, leveraging Azure and Microsoft data services. This role demands a deep understanding of data science methodologies, machine learning algorithms, and big data technologies. The incumbent will work closely with cross-functional teams to understand business needs and formulate and execute data science solutions that drive significant business impact.

Key Responsibilities:

Data Analytics and Modeling:

- Develop and implement advanced predictive models and statistical analysis using a variety of machine learning algorithms.
- Suggest algorithms or models appropriate for specific use cases and applications.
- Analyze and extract relevant information from large amounts of historical business data to help automate and optimize key processes with business teams.
- Apply technical solutions to business problems and questions using large scale data analytics and machine learning; create highly calibrated solutions for business problems.
- Work closely with software engineering teams to drive real-time model experiments, implementations and new feature creations.
- Continuously evaluate and refine models based on performance metrics.

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building, and deployment.

Large Language Model Fine-tuning:

- Enhance and evolve the performance of large language models by refining their capabilities through targeted fine-tuning.
- Steer both the research trajectory and the practical engineering efforts of the team.
- Formulate and enact algorithms for model enhancement, tweak critical hyperparameters, and heighten overall model efficiency.
- Guarantee the integrity and relevance of datasets by conducting thorough preprocessing and data analysis within the fine-tuning workflow.
- Conduct assessments on fine-tuned models, making necessary modifications to boost their effectiveness.
- Foster a cooperative environment within the team, providing guidance to peers to ensure a smooth fine-tuning operation that yields superior results.
- Stay at the forefront of advancements in large language model technologies and applications, perpetually refining technical expertise in model fine-tuning.

Data Management and Strategy:

- Collaborate with IT and data engineering teams in an enterprise setting to integrate data science solutions into the broader tech stack and data strategy.

Business Collaboration and Insights:

- Work closely with business stakeholders to identify opportunities for leveraging company data to drive business solutions.
- Translate complex data-driven findings into actionable business insights and communicate these effectively to non-technical stakeholders.

Research and Development:

- Stay abreast of industry trends and advancements in data science and Azure technologies.
- Conduct research to explore new methodologies and technologies that can enhance the organization's data analytics capabilities.

Preferred Qualifications and Skills:

- Bachelor's degree in Statistics, Computer Science, Mathematics or equivalent required; Master's or PhD highly preferred
- 5 years of professional experience in data science, with a record in designing and implementing large-scale data science projects.
- 5 years of industry experience in predictive modeling and large data analysis
- Knowledge of open-source large language models and experience with evaluating and recommending appropriate models for specific use cases.
- 3+ years of experience in using big data platforms and technologies such as Hadoop, Azure data lake, Azure Cosmos DB, Pig, Hive, HBase, etc.
- 3+ years of hands-on experience in statistical modeling, data mining, large data analysis and predictive modeling; text mining a major plus
- 3+ years of experience in regression, classification and clustering methods such as GLM, LR, SVM, LVQ, SOM, Neural Networks
- Experience with two or more of the following: Python, PERL, Matlab or Scala
- Expertise in various machine learning frameworks and libraries (e.g., TensorFlow, PyTorch, Scikit-learn).
- Excellent analytical, problem-solving, and communication skills.
- Excellent communication skills, with a proven ability to translate technical findings into business recommendations and strategies.
- Certifications in Azure data services or advanced analytics preferred

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Data Scientist, California, United States

 Set alert

Employer-provided

Pay range in California, United States

Exact compensation may vary based on skills, experience, and location.

Base salary

\$115,000/yr - \$173,000/yr

Featured benefits

- Medical insurance
- Vision insurance
- Dental insurance
- 401(k)
- Tuition assistance

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Qualifications



3 of 3 skills match your profile - you may be a good fit

Skills added by the job poster

Big Data · Large Language Models (LLM) · Natural Language Processing (NLP)

Additional skills among applicants

Data Analysis · Data Science · Data Visualization · Machine Learning · Microsoft Power BI · Python (Programming Language) · R (Programming Language) · SQL ...

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See how you compare to other applicants

Applicants for this job

29 Applicants

29 Applicants in the past day

Applicant seniority level

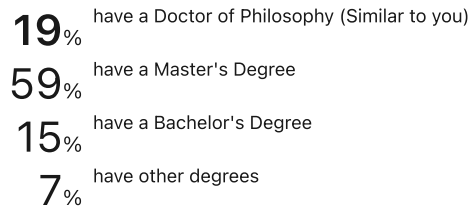
15 Entry level applicants

10 Senior level applicants



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Applicant education level



Applicants are in these locations

1-5 applicants ✓

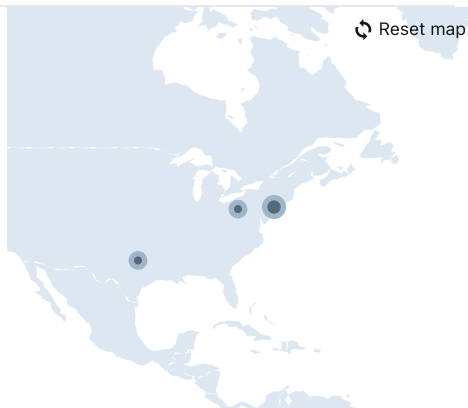
New York City Metropolitan Area

1-5 applicants

Greater Pittsburgh Region

1-5 applicants

Dallas-Fort Worth Metroplex



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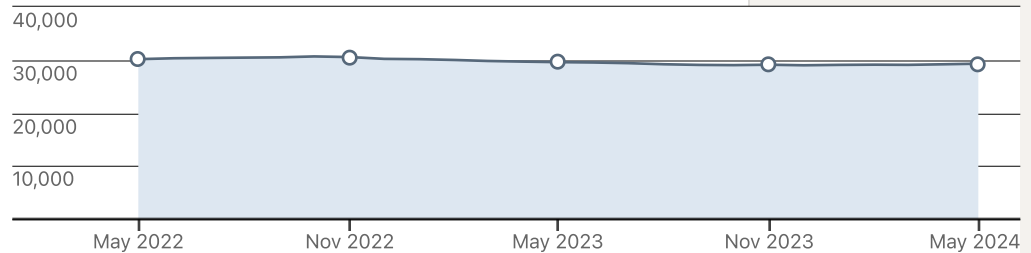
29,307

Total employees

▼ 3%

Company-wide
2 year growth

▼ 2%

Engineering
2 year growth

⌚ Median employee tenure · 6 years

Robert Half hires candidates from some of these companies and schools

Robert Half hired 2 people from Coding Dojo. [See all](#)Robert Half hired 3 people from Flatiron School. [See all](#)

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